



BACnet Protocol Implementation Conformance Statement

Products

Product	Model Number	Protocol Revision	Software Version	Firmware Version
SCADA Engine BACnet OPC Client	BACnOPCSvr	135-1995b (1)	1.0.0.1	1.0.0.1

Date Tested: Not Tested

Vendor Information

<p>SCADA Engine</p> <p>5A Hartnett Close Mulgrave 3170,</p> <p>Australia www.scadaengine.com</p>

Product Description

<p>The SCADA Engine BACnet OPC enables BACnet properties to be read and written to from an OPC compliant workstation.</p>

BACnet Standardized Device Profile

Product	Device Profile	Tested
BACnOPCSvr	BACnet Application Specific Controller (B-ASC)	

Supported BIBBs

Product	Supported BIBBs	BIBB Name	Tested
BACnOPCSvr	DS-RP-A	Data Sharing-ReadProperty-A	
	DS-RPM-A	Data Sharing-ReadPropertyMultiple-A	
	DS-WP-A	Data Sharing-WriteProperty-A	
	DS-WPM-A	Data Sharing-WritePropertyMultiple-A	



	DS-COV-A	Data Sharing-COV-A	
	DS-COVU-A	Data Sharing-COV-Unsolicited-A	
	AE-N-A	Alarm and Event-Notification-A	
	AE-ACK-A	Alarm and Event-ACK-A	
	AE-ASUM-A	Alarm and Event-Alarm Summary-A	
	AE-ESUM-A	Alarm and Event-Enrollment Summary-A	
	DM-DDB-A	Device Management-Dynamic Device Binding-A	
	SCHED-A	Scheduling-A	



Standard Object Types Supported

Product	Object Type	Creatable	Deletable	Tested
BACnOPCSvr	Analog Input	Yes	Yes	
	Analog Output	Yes	Yes	
	Analog Value	Yes	Yes	
	Binary Input	Yes	Yes	
	Binary Output	Yes	Yes	
	Binary Value	Yes	Yes	



	Calendar	Yes	Yes	
	Device	No	No	
	Event Enrollment	Yes	Yes	
	File	Yes	Yes	
	Loop	Yes	Yes	
	Multi-state Value	Yes	Yes	
	Notification Class	Yes	Yes	
	Program	Yes	Yes	
	Schedule	Yes	Yes	
	Trend Log	Yes	Yes	

Data Link Layer Options

Product	Data Link	Options	Tested
BACnOPCSvr	BACnet/IP (Annex J)	Can communicate as a Direct BACnet/IP device. Can register as a Foreign BACnet/IP device.	
	Ethernet (ISO 8802-3)		
	MS/TP Master	9600, 19200, 38400, 76800	
	PTP		

Segmentation Capability

Product	Segmentation Type	Supported	Window Size (MS/TP product limited to 1)	Tested



BACnOPCSvr	Able to transmit segmented messages	Yes	Configurable	
	Able to receive segmented messages	Yes	Configurable	

Device Address Binding

Product	Static Binding Supported	Tested
BACnOPCSvr	Yes	

Networking Options

Product	Router Option	Options	Tested
All Products	Router	Multiple BACnet/IP, Multiple Ethernet, Multiple MS/TP Multiple PTP	

Character Sets

Product	Character Sets supported	Tested
All Products	ANSI X3.4	